

Title (en)
CERTAIN PROTEIN KINASE INHIBITORS

Title (de)
BESTIMMTE PROTEINKINASEHEMMER

Title (fr)
INHIBITEURS DE CERTAINES PROTÉINES KINASES

Publication
EP 3224248 A1 20171004 (EN)

Application
EP 15855878 A 20151101

Priority
• US 201462073993 P 20141101
• CN 2015093551 W 20151101

Abstract (en)
[origin: WO2016066142A1] Provided are certain PI3K inhibitors, pharmaceutical compositions thereof, and methods of use therefor.

IPC 8 full level
C07D 221/04 (2006.01); **A61K 31/4355** (2006.01); **A61K 31/4365** (2006.01); **A61K 31/437** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07D 221/00** (2006.01); **C07D 513/04** (2006.01)

CPC (source: EP US)
A61K 31/437 (2013.01 - EP US); **A61K 31/4375** (2013.01 - EP US); **A61K 31/505** (2013.01 - EP US); **A61K 31/52** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 31/00** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 37/02** (2018.01 - EP); **A61P 37/06** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07D 519/00** (2013.01 - EP US)

C-Set (source: EP US)
1. **A61K 31/437 + A61K 2300/00**
2. **A61K 31/4375 + A61K 2300/00**
3. **A61K 31/52 + A61K 2300/00**
4. **A61K 31/505 + A61K 2300/00**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016066142 A1 20160506; AU 2015341186 A1 20170608; AU 2015341186 B2 20191114; BR 112017008867 A2 20171226; CA 2966252 A1 20160506; CA 2966252 C 20231024; CN 107207441 A 20170926; CN 107207441 B 20201124; EP 3224248 A1 20171004; EP 3224248 A4 20180808; EP 3224248 B1 20210505; ES 2879809 T3 20211123; JP 2017533232 A 20171109; JP 6831324 B2 20210217; US 10328060 B2 20190625; US 2018036293 A1 20180208

DOCDB simple family (application)
CN 2015093551 W 20151101; AU 2015341186 A 20151101; BR 112017008867 A 20151101; CA 2966252 A 20151101; CN 201580071637 A 20151101; EP 15855878 A 20151101; ES 15855878 T 20151101; JP 2017523862 A 20151101; US 201515523315 A 20151101